

House of Commons

Science and Technology Committee

MINUTES OF

MINUTES OF PROCEEDINGS

Session 2001-02

SESSION 20

Ordered by The House of Commons to be printed 7 November 2002

HC 1334

Published on by authority of the House of Commons
London : The Stationery Office Limited



22501069544

SCIENCE AND TECHNOLOGY COMMITTEE

The Science and Technology Committee is appointed by the House of Commons to examine the expenditure, administration and policy of the Office of Science and Technology and its associated public bodies.

Current Membership

Dr Ian Gibson MP (*Labour, Norwich North*) (Chairman)
 Mr Parmjit Dhand MP (*Labour, Gloucester*)
 Mr Tom Harris MP (*Labour, Glasgow Cathcart*)
 Mr David Heath MP (*Liberal Democrat, Somerton and Frome*)
 Mr Mark Hoban MP (*Conservative, Fareham*)
 Dr Brian Iddon MP (*Labour, Bolton South East*)
 Mr Tony McWalter MP (*Labour, Hemel Hempstead*)
 Dr Andrew Murrison MP (*Conservative, Westbury*)
 Geraldine Smith MP (*Labour, Morecambe and Lunesdale*)
 Bob Spink MP (*Conservative, Castle Point*)
 Dr Desmond Turner MP (*Labour, Brighton Kemptown*)

Powers

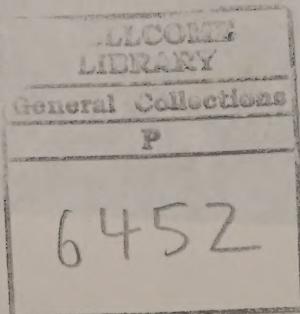
The Committee is one of the departmental select committees, the powers of which are set out in House of Commons Standing Orders, principally in SO No.152. These are available on the Internet via www.parliament.uk .

Publications

The Reports and evidence of the Committee are published by The Stationery Office by Order of the House. All publications of the Committee (including press notices) are on the Internet at
www.parliament.uk/parliamentary_committees/science_and_technology_committee.cfm

Contacts

All correspondence should be addressed to The Clerk of the Science and Technology Committee, Committee Office, 7 Millbank, London SW1P 3JA. The telephone number for general inquiries is: 020-7219-2794; the Committee's e-mail address is: scitechcom@parliament.uk .



PROCEEDINGS OF THE COMMITTEE

WEDNESDAY 14 NOVEMBER 2001

Members present:

20 MAR 2003

Mr Tony McWalter

Dr Andrew Murrison

Geraldine Smith

Bob Spink

Dr Desmond Turner

Mr Parmjit Dhanda

Dr Ian Gibson

Mr Tom Harris

Mr David Heath

Mr Mark Hoban

Dr Brian Iddon

PAA

Hou/C

Members disclosed their interests* pursuant to the resolution of the House of 13 July 1992. For details of the declarations see Annex.

Dr Ian Gibson was called to the Chair.

Mr Dhanda declared a pecuniary interest in respect of support towards a research assistant from Connect, the union for professionals in communications.

Dr Iddon declared a non-pecuniary interest as Policy Adviser to the Royal Society of Chemistry.

Bob Spink declared a pecuniary interest as a management consultant with Harold Whitehead and Partners Ltd, whose clients include companies that are actively involved in science and technology, including machine tool technology, medical diagnostic technology, distribution, brewing and other areas.

The Committee deliberated.

Ordered, That strangers be admitted during the examination of witnesses unless the Committee otherwise orders.—(The Chairman.)

Resolved, That the Committee do hold a seminar to discuss its method of working and future inquiries.—(The Chairman.)

Ordered, That the Chairman do meet the Chairman of the House of Lords Science and Technology Committee.

Resolved, That the Committee do visit the Office of Science and Technology.—(The Chairman.)

Ordered, That Professor Michael Elves be appointed a Specialist Adviser to assist the Committee in its inquiries.—(The Chairman.)

[Adjourned till Wednesday 21 November at Four o'clock

*Although the resolution of July 1992 referred only to pecuniary interests, the relevant report of the Select Committee on Members Interests, to which the House also agreed, referred additionally to the duty to declare relevant non-pecuniary interests.

WEDNESDAY 21 NOVEMBER 2001

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Mr Tom Harris
 Mr David Heath
 Dr Brian Iddon
 Mr Tony McWalter

Dr Andrew Murrison
 Geraldine Smith
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Ordered, That Dr Desmond Turner be nominated to the Board of the Parliamentary Office of Science and Technology.—(*The Chairman.*)

Draft Special Report (The Government's Response to the Science and Technology Committee's Fourth Report, Session 2000-01, on The Scientific Advisory System), proposed by the Chairman, brought up and read.

Ordered, That the draft Special Report be read a second time, paragraph by paragraph.

Paragraphs 1 and 2 read and agreed to.

Resolved, That the Report be the First Special Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the Government's Response to the Fourth Report, Session 2000-01, on The Scientific Advisory System, be appended to the Report.—(*The Chairman.*)

Draft Special Report (The Government's Response to the Science and Technology Committee's Sixth Report, Session 2000-01, Are We Realising Our Potential?), proposed by the Chairman, brought up and read.

Ordered, That the draft Special Report be read a second time, paragraph by paragraph.

Paragraphs 1 and 2 read and agreed to.

Resolved, That the Report be the Second Special Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the Government's Response to the Sixth Report, Session 2000-01, Are We Realising Our Potential?, be appended to the Report.—(*The Chairman.*)

Draft Special Report (The Government's Response to the Science and Technology Committee's Seventh Report, Session 2000-01, on Wave and Tidal Energy), proposed by the Chairman, brought up and read.

Ordered, That the draft Special Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 3 read and agreed to.

Resolved, That the Report be the Third Special Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the Government's Response to the Seventh Report, Session 2000-01, on The Scientific Advisory System, together with a Memorandum from National Grid, be appended to the Report.— *(The Chairman.)*

Resolved, That the Committee do hold an inquiry to follow up the Science and Technology Committee's First Report on Cancer Research — A Fresh Look.— *(The Chairman.)*

Resolved, That the Committee do invite the Secretary of State for Trade and Industry to give oral evidence to the Committee.— *(The Chairman.)*

Resolved, That the Committee do visit the Research Councils in Swindon on 23 and 24 January 2002. — *(The Chairman.)*

Mr Tom Harris
Mr Mark Hoban
Dr Brian Iddon
Mr Tony McWalter

Dr Andrew Murrison
Bob Spink
Dr Desmond Turner

[Adjourned till Wednesday 28 November at Four o'clock.]

WEDNESDAY 28 NOVEMBER 2001

The Committee deliberated.

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr David Heath
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Dr Andrew Murrison
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Ordered, That Professor Michel Coleman be appointed a Specialist Adviser to assist the Committee in its inquiry into Cancer Research — A Follow-Up.— *(The Chairman.)*

Resolved, That the Committee do seek a memorandum from the Department of Trade and Industry on the implications for the OST of the Review of the Department of Trade and Industry.— *(The Chairman.)*

Resolved, That the Committee do inquire into the Research Assessment Exercise.— *(The Chairman.)*

Resolved, That the Committee do seek a memorandum from the Particle Physics and Astronomy Research Council on large physics facilities.—(The Chairman.)

[Adjourned till Wednesday 5 December at Four o'clock.]

WEDNESDAY 5 DECEMBER 2001

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Mr Tom Harris
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Dr Andrew Murrison
Dr Desmond Turner

The Committee deliberated.

[Adjourned till Wednesday 12 December at Four o'clock.]

WEDNESDAY 12 DECEMBER 2002

Members present:

Dr Ian Gibson, in the Chair

Mr David Heath
Mr Mark Hoban
Mr Tony McWalter

Dr Andrew Murrison
Geraldine Smith
Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do inquire into Science Education from 14 to 19.—(The Chairman.)

Resolved, That the Committee do hold an informal seminar in connection with the above inquiry.—(The Chairman.)

Resolved, That the Committee do hold an informal seminar on developments in human embryology in January 2002.—(The Chairman.)

Ordered, That the Chairman do seek the approval of the Liaison Committee for expenditure in connection with the said seminar.—(The Chairman.)

Resolved, That the Committee do visit the Royal Society and the Royal Academy of Engineering.—(The Chairman.)

Cancer Research - A Follow-Up: Professor Mike Richards, National Cancer Director, Professor Sir John Pattison, Director of Research Analysis and Information, Department of Health, and Professor Sir George Radda, Chief Executive, Medical Research Council, and Chairman, National Cancer Research Institute, were examined.

[Adjourned till Wednesday 19 December at Four o'clock.]

Ordered, That the visit to the Royal Society and the Royal Academy of Engineering be postponed until a later date.—(The Chairman.)

WEDNESDAY 19 DECEMBER 2001

Specialist Advisors to assist the Committee in its inquiry into Science Education from 14 to 19.—(The Chairman.)

Members present:

Dr Ian Gibson, in the Chair

Mr Tom Harris
Mr David Heath
Mr Mark Hoban
Dr Brian Iddon
Mr Tony McWalter

Dr Andrew Murrison
Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Resolved, That the Members of the Committee do visit schools and colleges in their constituencies in connection with the Committee's inquiry into Science Education from 14 to 19.—(The Chairman.)

Resolved, That the minutes of evidence taken from the Secretary of State for Trade and Industry be published uncorrected on the internet.—(The Chairman.)

Government Policy on Science and Technology: The Rt Hon Patricia Hewitt, Secretary of State for Trade and Industry, Lord Sainsbury of Turville, Minister for Science and Innovation and Dr John Taylor, Director General of the Research Councils, Department of Trade and Industry, were examined.

[Adjourned till Wednesday 9 January 2002 at Four o'clock.]

The Committee deliberated.

Resolved, That the Committee do visit and evidence from Baroness Helena Kennedy, Chair of the Human Genetics Commission and Ms Ruth Deech, Chair of the Human Fertilisation and Embryology Authority.—(The Chairman.)

WEDNESDAY 9 JANUARY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Tom Harris
Mr David Heath
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Dr Andrew Murison
Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

In the absence of the Chairman, Dr Brian Iddon was called to the Chair.

The Committee deliberated

Draft Special Report (The Government's Response to the Science and Technology Committee's Third Report, Session 2000-01, on the Scientific Advisory System: Scientific Advice on Climate Change), proposed by the Chairman, brought up and read.

Ordered, That the draft Special Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 3 read and agreed to.

Resolved, That the Report be the Fourth Special Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the Responses from the Government and from the Met Office to the Third Report, Session 2000-01, on the Scientific Advisory System: Scientific Advice on Climate Change), be appended to the Report.—(The Chairman.)

[Adjourned till Wednesday 16 January at Four o'clock.]

WEDNESDAY 16 JANUARY 2002

discussions on the internet—
Members present:— (A/C Committee)

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda Bob Spink

Mr Mark Hoban Dr Desmond Turner

Dr Brian Iddon

The Committee deliberated.

Ordered, That the visit to the Research Councils at Swindon be postponed until a later date.— (The Chairman.)

Ordered, That Professor Jonathan Osborne and Ms Becky Parker be appointed as Specialist Advisers to assist the Committee in its inquiry into Science Education from 14 to 19.— (The Chairman.)

Resolved, That, in connection with the Government reply to its Report on Scientific Advice on Climate Change, the Committee do request the Government to publish its analysis of the changes required to reduce CO₂ emissions by 60%.— (The Chairman.)

Cancer Research — A Follow-Up: Professor Gordon McVie, Director General, Cancer Research Campaign, Professor Andrew Miller, Interim Chief Executive, Cancer Research UK and Sir Paul Nurse, Director-General, Imperial Cancer Research Fund, were examined.

Engineering.— (The Chairman.)

Resolved, That the Committee [Adjourned till Wednesday 23 January at Four o'clock.

WEDNESDAY 23 JANUARY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Tom Harris

Mr Tony McWalter

Mr David Heath

Dr Andrew Murrison

Mr Mark Hoban

Dr Desmond Turner

Dr Brian Iddon

The Committee deliberated.

Resolved, That the Committee do take oral evidence from Baroness Helena Kennedy, Chair of the Human Genetics Commission and Ms Ruth Deech, Chair of the Human Fertilisation and Embryology Authority.— (The Chairman.)

Ordered, That those who submit Memoranda to the Committee have leave to publish them, unless the Clerk believes that there is reason to refer an individual case to the Committee.— (*The Chairman.*)

Resolved, That the Committee do take oral evidence from Yvette Cooper, a Member of the House, Parliamentary Under-Secretary of State for Health, in connection with its inquiry into Cancer Research — A Follow-Up.— (*The Chairman.*)

Resolved, That the Committee do meet informally on Wednesday 6 February to discuss its aims and objectives.— (*The Chairman.*)

Dr Brian Iddon declared a non-pecuniary interest in relation to the inquiry into the Research Assessment Exercise as an honorary member of the Association of University Teachers and Parliamentary liaison to the Royal Society of Chemistry.

Dr Ian Gibson declared a non-pecuniary interest in relation to the inquiry into the Research Assessment Exercise, having managed a university department during the 1996 Research Assessment Exercise.

The Research Assessment Exercise: Mr Bahram Bekhradnia, Director of Policy, Mr John Rogers, Head of Research Assessment Exercise, and Mr John Rushforth, Head of Research Policy, Higher Education Funding Council for England, were examined.

Mr Paul Cottrell, Acting General Secretary, Ms Natalie Fenton, President, and Senior Lecturer, Loughborough University, and Professor Rus Bowman, Professor of Organic Chemistry, Loughborough University and AUT Negotiator, Association of University Teachers, were examined.

[Adjourned till Wednesday 30 January at Four o'clock.]

WEDNESDAY 30 JANUARY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Tom Harris

Mr David Heath

Mr Mark Hoban

Dr Brian Iddon

Mr Tony McWalter

Dr Andrew Murison

Geraldine Smith

The Committee deliberated.

Ordered, That the provisions of Paragraph 4 (d) of Standing Order No. 152 (Select committees related to government departments) be applied to the memorandum submitted by the National Institute of Clinical Excellence to the Committee's inquiry into Cancer Research — A Follow-Up.— (*The Chairman.*)

The Research Assessment Exercise: Professor Roderick Floud, President, Provost of London Guildhall University, and Professor Adrian Smith, Research Policy Group, Principal, Queen Mary, University of London, Universities UK, were examined.

Resolved, That the minutes of evidence taken from Minister of State for Lifelong Learning and Higher Education, Department for Education and Skills, be published uncorrected on the internet.— (*The Chairman.*)

Margaret Hodge, a Member of the House, Minister of State for Lifelong Learning and Higher Education, Department for Education and Skills, was examined.

[Adjourned till Wednesday 6 February at Four o'clock.

WEDNESDAY 6 FEBRUARY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Tom Harris
Mr David Heath
Dr Brian Iddon

Mr Tony McWalter
Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do inquire into Government Funding of the Scientific Learned Bodies, including The Royal Society and the Royal Academy of Engineering.— (*The Chairman.*)

Resolved, That the Committee do visit and take evidence at the Science Museum in connection with its inquiry into Science Education from 14 to 19.— (*The Chairman.*)

Cancer Research — A Follow-Up: Yvette Cooper, a Member of the House, Parliamentary Under-Secretary of State for Public Health, and Dr Russell Hamilton, Regional Director of Research Development, Department of Health, were examined.

Professor Mike Richards, National Cancer Director, Department of Health, was further examined.

[Adjourned till Wednesday 13 February at Four o'clock.

WEDNESDAY 13 FEBRUARY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Dr Brian Iddon
 Mr Tony McWalter

Dr Andrew Murrison
 Geraldine Smith
 Bob Spink

The Committee deliberated.

Resolved, That the Committee do visit one state school and one private school in London in connection with its inquiry into Science Education from 14 to 19.— (*The Chairman.*)

[Adjourned till Wednesday 27 February at Four o'clock.

WEDNESDAY 27 FEBRUARY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Mr Tom Harris
 Mr David Heath
 Mr Mark Hoban
 Dr Brian Iddon

Mr Tony McWalter
 Dr Andrew Murrison
 Geraldine Smith
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do seek a memorandum from the Department of Trade and Industry on the implications of the changes in the expenditure of the OST in the Spring Supplementary Estimate.— (*The Chairman.*)

[Adjourned till Monday 4 March at Four o'clock.

MONDAY 4 MARCH 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr David Heath
Mr Mark Hoban
Dr Brian Iddon
Mr Tony McWalter

Dr Andrew Murrison
Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Draft Report (Cancer Research — A Follow-Up), proposed by the Chairman, brought up and read the first time.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 56 read and agreed to.

Ordered, That the summary be an Annex to the Report.—(*The Chairman.*)

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Resolved, That the Report be the First Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Several papers were ordered to be appended to the Minutes of Evidence.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Ordered, That the Appendices to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman.*)

Several papers were ordered to be reported to the House.

Resolved, That the Committee do visit Quentin Kynaston School, St John's Wood, London, on 16 April, and Westminster School, London, on 24 April, in connection with its inquiry into Science Education from 14 to 19.—(*The Chairman.*)

Resolved, That the Committee do visit the Royal Society of Edinburgh and the Scottish Parliament on 22-23 April, in connection with its inquiry into Science Education from 14 to 19.—(*The Chairman.*)

Science Education from 14 to 19: Ms Georgina Day, Education Officer, Institute of Biology; Ms Catherine Wilson, Manager for Education (Schools and Colleges), Institute

of Physics; Dr Colin Osborne, Education Manager (Schools and Colleges), the Royal Society of Chemistry; Mr Nigel Thomas, Education Manager, the Royal Society; and Ms Lucy Allen, Education Officer, Institute of Mathematics and its Applications, were examined.

Mr Richard Shearman, Deputy Director, Engineers' Regulation, Ms Ruth Wright, Education Executive, and Mr Victor Lucas, Vocational Education and Training Advisor, Engineering Council; Mrs Dorrie Giles, Director, Qualifications, Institution of Electrical Engineers; Mr George Salmon, Member, Education Training and Development Group, Institution of Incorporated Engineers; and Mr Chris Kirby, Professional Affairs Manager, Institution of Mechanical Engineers, were examined.

[Adjourned till Wednesday 13 March at Four o'clock.

WEDNESDAY 13 MARCH 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Mr Tom Harris
 Mr David Heath
 Mr Mark Hoban

Mr Tony McWalter
 Geraldine Smith
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Resolved, That Dr Ian Gibson, Mr David Heath and Dr Desmond Turner do attend the Eureka Inter-parliamentary Conference in Athens on 22-24 May 2002 on behalf of the Committee .—(The Chairman.)

Ordered, That the Chairman do seek the approval of the Liaison Committee for expenditure in connection with the said visit.

Resolved, That the Memorandum from the Office of Science and Technology on the Department of Trade and Industry's Spring Supplementary Estimates be reported to the House .—(The Chairman.)

[Adjourned till Tuesday 19 March at a quarter past Three o'clock.

TUESDAY 19 MARCH 2002

The Committee met at the Science Museum, London

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Dr Brian Iddon

Mr Tony McWalter

The Committee deliberated.

Science Education from 14 to 19: Helena Perry, Hannah Greensmith and Ben Wormald were examined.

Clare Dawe, Tim Crocker-Buque and Rubens Reis were examined.

Anika Lewis, Charlotte Whitaker and Fern Curtis were examined.

Yasmin Akram, Ashley Clarkson, Vicky Parkin and Christopher Gascoyne were examined.

Joel Brown, Lexi Boyce, Mark Towers, Sam Ford and Karl Stringer were examined.

Kayleigh Goddard, Lucy Ferguson, Ashwin Reddy and Sajad Al-Hari, were examined.

[Adjourned till Wednesday 20 March at Four o'clock.

WEDNESDAY 20 MARCH 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Dr Andrew Murrison

The Committee deliberated.

[Adjourned till Monday 25 March at Four o'clock.

WEDNESDAY 25 MARCH 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Mr Tom Harris
 Mr David Heath
 Mr Mark Hoban
 Dr Brian Iddon

Mr Tony McWalter
 Dr Andrew Murrison
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Science Education from 14 to 19: Michelle Ryan, Science Teacher, Ricards Lodge High School, Wimbledon, James Salmon, Science Teacher, Anglo-European School, Essex, Hannah Strange, Science Teacher, Notting Hill & Ealing High School, and Corinne Stevenson, LEA Adviser, Hounslow Council, were examined.

Mike Collins, Science Teacher, Hengrove School, Bristol, Sylvia Thomas, Science Teacher, Darlaston Community School, Walsall, Dr Susan Turner, Science Teacher, Bishop David Brown School, Woking, and Ed Walsh, Science Teacher, Roseland Community School, Truro, were examined.

Catherine Crocker, Technician, Esher 6th Form College, Surrey, Gillian Halton, Technician, Institute of Education, Manchester Metro University, Chris Peel, Technician, City and Islington College Sixth Form College, CLEAPS School Science Service, and Jean Skeggs, Technician, Hertfordshire LEA, were examined.

Jane Clifford, FE Lecturer, Brooklands College, Surrey, and Chris Roberts, FE Lecturer, Bradford College, were examined.

Dr David Moore, Chief Executive, and Mr Derek Bell, past Chair, Association for Science Education; Judith Norrington, Director of Curriculum and Quality, and Maggie Scott, Curriculum and Quality Adviser, Association of Colleges, were examined.

[Adjourned till Wednesday 10 April at Four o'clock.

WEDNESDAY 10 APRIL 2002

Members present:

Dr Ian Gibson, in the Chair

Mr David Heath
Mr Mark Hoban
Dr Brian Iddon

Bob Spink
Dr Desmond Turner

The Committee deliberated.

Draft Report (The Research Assessment Exercise), proposed by the Chairman, brought up and read the first time.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 90 read and agreed to.

Ordered, That the Summary be an annex to the Report.—(*The Chairman.*)

Resolved, That the Report be the Second Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Several papers were ordered to be appended to the Minutes of Evidence.

Ordered, That the Appendices to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman.*)

Several papers were ordered to be reported to the House.

Ordered, That the Chairman do seek authorisation for expenditure in respect of its visit to the Royal Society of Edinburgh in connection with its inquiry into the funding of the Learned Societies.—(*The Chairman.*)

[Adjourned till Monday 15 April at Four o'clock.

WEDNESDAY 15 APRIL 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Mr Mark Hoban
 Dr Brian Iddon
 Mr Tony McWalter

Dr Andrew Murrison
 Geraldine Smith
 Dr Desmond Turner

The Committee deliberated.

Science Education from 14 to 19: Mr Ralph Levinson, Institute of Education; Ms Clare Matterson, The Wellcome Trust; and Dr Jerry Ravetz and Dr Jon Turney, University College, London, were examined.

Dr Stuart Brown, Nottingham Medical School; Professor Ian Haines, UK Deans of Science Committee (Faculty of Science, Computing and Engineering, University of North London); and Professor Tom Ruxton, Engineering Professors' Council (School of Engineering and Advanced Technology, Staffordshire University), were examined.

Ms Vicky Garson, Association of the British Pharmaceutical Industry (UK Human Resources Director, Training and Development, AstraZeneca); Mr Alan Hanslip, Vice-President - Human Resources, Octel Corp; Mr Graham Speechley, Managing Director, Benteler Automotive UK; and Ms Erica Tyson, Engineering Training Manager, Rolls-Royce, were examined.

[Adjourned till Wednesday 24 April at Four o'clock.

WEDNESDAY 24 APRIL 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Mark Hoban
 Dr Brian Iddon
 Mr Tony Mc Walter

Dr Andrew Murrison
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do conduct an inquiry entitled Towards a Non-carbon Fuel Economy: Research, Development and Demonstration.—(*The Chairman.*)

Resolved, That the Committee do hold an inquiry to follow up the Science and Technology Committee's report into the National Endowment for Science and the Arts.—(*The Chairman.*)

Resolved, That the Committee do inquire into Short Term Research Contracts in Science and Engineering .—(*The Chairman.*)

Developments in Human Genetics and Embryology: Dame Ruth Deech, former Chair, Human Fertilisation and Embryology Authority, Baroness Kennedy of the Shaws, Chair, Human Genetics Commission, and Suzi Leather, Chair, Human Fertilisation and Embryology Authority, were examined.

[Adjourned till Monday 29 April at Four o'clock.

WEDNESDAY 29 APRIL 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Tom Harris
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Science Education from 14 to 19: Keith Weller, Head of Qualifications Division and Martin Hollins, Principal Officer for Science, Qualifications and Curriculum Authority; David Barrett, Director for General Assessment and John Mitchell, Director of Education and Research, the Joint Council for General Qualifications, were examined.

Mr Stephen Timms, a Member of the House, Minister of State for School Standards and Janet Dallas, Team Leader of Subject Strategy, Curriculum Division, Department for Education and Skills, were examined.

[Adjourned till Wednesday 8 May 2002 at Four o'clock.

WEDNESDAY 8 MAY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Tom Harris
Mr Tony Mc Walter
Dr Andrew MurrisonMr David Heath
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do take oral evidence from Professor David King, Chief Scientific Adviser to the Government, and Dr John Taylor, Director General of the Research Councils, on the work of the Office of Science and Technology.— (The Chairman.)

Dr Gibson declared a non-pecuniary interest as a former Royal Society Research Fellow.

Government Funding of the Scientific Learned Societies: Lord May of Oxford, President, Professor Julia Higgins, DBE, Vice President and Foreign Secretary and Mr Stephen Cox, Executive Secretary, the Royal Society were examined.

Sir Alec Broers, President, Professor Ann Dowling, Vice President and Mr Jon Burch, Executive Secretary, the Royal Academy of Engineering, were examined.

[Adjourned till Monday 13 May at Four o'clock.

MONDAY 13 MAY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Mark Hoban
Dr Brian IddonMr Tony Mc Walter
Dr Desmond Turner

The Committee deliberated.

[Adjourned till Wednesday 15 May at Four o'clock.

WEDNESDAY 15 MAY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Tom Harris
Dr Brian IddonMr Tony Mc Walter
Dr Desmond Turner

The Committee deliberated.

The Work of the Office of Science and Technology: Professor David King, Chief Scientific Adviser to the Government, and Dr John Taylor, Director General of the Research Councils, were examined.

[Adjourned till Wednesday 12 June at Four o'clock.

WEDNESDAY 12 JUNE 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Tom Harris
Mr David Heath
Dr Brian IddonMr Tony McWalter
Dr Andrew Murrison
Geraldine Smith
Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do visit Japan in connection with its inquiry entitled Towards a Non-carbon Fuel Economy: Research, Development and Demonstration.

Ordered, That the Chairman do seek the approval of the Liaison Committee for expenditure in connection with the said visit.

Dr Iddon declared a non-pecuniary interest as a Fellow of the Royal Society of Chemistry and declared that he would not take part in the proceedings relating to that body.

Government Funding of Scientific Learned Societies: Mr David Clarke, Chief Executive, Professor Wendy Hall, Vice-President and Professor John McDermid, Vice-President, British Computer Society, were examined.

Dr Rita Gardner, Chief Executive and Mr Elliot Robertson, Policy Director, Royal Geographic Society, were examined.

Dr David Giachardi, Chief Executive and General Secretary, Dr Barry Price, Honorary Treasurer, Mrs Libby Steele, Manager, Professional Education and Development, and Dr Stephen Benn, Parliamentary Affairs Officer, Royal Society of Chemistry, were examined.

Dr Peter Briggs, Chief Executive and Dr Roland Jackson, incoming Chief Executive, British Association for the Advancement of Science; and Dame Bridget Ogilvie, Chair and Professor Ian Halliday, Council Member, Copus were examined.

[Adjourned till Wednesday 19 June at half past Four o'clock.

WEDNESDAY 19 JUNE 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Mr David Heath
 Mr Mark Hoban
 Dr Brian Iddon
 Mr Tony McWalter

Dr Andrew Murrison
 Geraldine Smith
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Resolved, That, in connection with the Government reply to its Report on Cancer Research — A Follow-Up, the Committee do take further evidence from the Secretary of State for Health and the National Cancer Director.— (*The Chairman.*)

Government Funding of Scientific Learned Societies: Professor John Enderby, Vice-President, The Royal Society, was examined.

Mr Stephen Cox, Executive Secretary, The Royal Society, was further examined.

[Adjourned till Monday 24 June at Four o'clock.

MONDAY 24 JUNE 2002

Members present:

Dr Ian Gibson, in the Chair	Mr Tony McWalter
Mr Parmjit Dhanda	Dr Andrew Murrison
Mr Tom Harris	Geraldine Smith
Mr Mark Hoban	Dr Desmond Turner
Dr Brian Iddon	

The Committee deliberated.

Draft Special Report (The Government's Response to the Second Report, Session 2001-02, on the Research Assessment Exercise), proposed by the Chairman, brought up and read.

Ordered, That the draft Special Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 4 read and agreed to.

Resolved, That the Report be the Fifth Special Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the Responses from the Government and the Higher Education Funding Council for England to the Second Report, Session 2001-02, on the Research Assessment Exercise, be appended to the Report.—(*The Chairman*.)

[Adjourned till Wednesday 26 June at Four o'clock.]

WEDNESDAY 26 JUNE 2002

Members present:

Dr Ian Gibson, in the Chair	Mr Tony McWalter
Mr Parmjit Dhanda	Bob Spink
Mr Tom Harris	Dr Desmond Turner
Dr Brian Iddon	

The Committee deliberated.

The work of PPARC: Professor Ian Halliday, Chief Executive, Jim Sadlier, Director, Strategic Planning and Communications, and Professor Richard Wade, Director, Programmes, PPARC, were examined.

[Adjourned till Monday 1 July at Four o'clock.

MONDAY 1 JULY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Mark Hoban
Dr Brian Iddon
Mr Tony Mc Walter

Dr Andrew Murrison
Bob Spink
Dr Desmond Turner

The Committee deliberated.

[Adjourned till Wednesday 3 July at Four o'clock.

WEDNESDAY 3 JULY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Tom Harris
Mr David Heath
Mr Mark Hoban
Dr Brian Iddon
Mr Tony Mc Walter

Dr Andrew Murrison
Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Draft Report (Science Education from 14 to 19), proposed by the Chairman, brought up and read.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 140 read and agreed to.

Ordered, That the summary be an annex to the Report.—(*The Chairman*.)

Ordered, That the note on visits made in the course of the inquiry be an annex to the Report.—(*The Chairman*)

Ordered, That the note on international comparisons be an annex to the Report.—(*The Chairman*)

Ordered, That the statistical analysis of the take-up of science post-16 be an annex to the Report.—(*The Chairman*)

Resolved, That the Report be the Third Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Several papers were ordered to be appended to the Minutes of Evidence.

Ordered, That the Appendices to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman*.)

Short-term Contracts in Science and Engineering: Dr John Sawyer, Department of Mechanical Engineering, Imperial College, Mr Mike Ahern, London School for Hygiene and Tropical Medicine and Dr Clare Bambra, Department of Public Health, Liverpool University, were examined.

Dr Clare Goodess, University of East Anglia, Mr Robert Patton, Imperial College and Dr Liz Rugg, Queen Mary, University of London, were examined.

Dr Eva Link, formerly of University College, London, Mr Matt Hill, formerly of Bradford University, and Dr Robert Bradburne, John Innes Centre, Norwich, were examined.

Ms Sally Hunt, General Secretary and Dr Alan Williams, Manchester University and former Chair of AUT Contract Research Staff Committee, Association of University Teachers; and, Mr Tom Wilson, Head of Universities Department, and Mr Andrew Pike, Higher Education National official, the National Association of Teachers of Higher and Further Education, were examined.

Baroness Warwick of Undercliffe, Chief Executive, and Professor Glynis Breakwell, Vice-Chancellor of the University of Bath and a Member of the Universities UK Research Strategy Committee, Universities UK, were examined.

Sir Gareth Roberts was examined.

[Adjourned till Monday 8 July at Four o'clock.

MONDAY 8 JULY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Tom Harris
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Dr Andrew Murrison
Bob Spink
Dr Desmond Turner

The Committee deliberated.

National Endowment for Science, Technology and the Arts: a Follow-up: Lord Putnam of Queensgate, Chair, Mr Jeremy Newton, Chief Executive, and Mr Mike Tomlinson, Education Committee member and Director of Science Year, National Endowment for Science, Technology and the Arts, were examined.

The Committee further deliberated.

[Adjourned till Wednesday 10 July at Four o'clock.

WEDNESDAY 10 JULY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Tom Harris
Mr David Heath
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Mr Heath and Bob Spink declared a pecuniary interest in respect of an overseas visit to Germany from 19 to 21 March 2002 as a guest of the German Ambassador to discuss the ethical, moral and social issues surrounding emerging science.

Draft Report (Developments in Human Genetics and Embryology), proposed by the Chairman, brought up and read.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 28 read and agreed to.

Resolved, That the Report be the Fourth Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Several papers were ordered to be appended to the Minutes of Evidence.

Ordered, That the Appendices to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman*.)

[Adjourned till Monday 15 July at Four o'clock.]

MONDAY 15 JULY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Tony McWalter
Geraldine Smith

Bob Spink
Dr Desmond Turner

The Committee deliberated.

The Government's Response to the Committee's Report on Cancer Research — A Follow-up: Ms Hazel Blears, a Member of the House, Parliamentary Under-Secretary of State for Public Health, was examined.

Professor Mike Richards, National Cancer Director and Dr Russell Hamilton, Head of Research and Development, Directorate of Health and Social Care (South), Department of Health, were further examined.

[Adjourned till Wednesday 17 July at Four o'clock.]

WEDNESDAY 17 JULY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr David Heath
 Dr Brian Iddon
 Mr Tony McWalter

Dr Andrew Murrison
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do take oral evidence from the Medical Research Council.—
 (The Chairman.)

[Adjourned till Wednesday 24 July at Four o'clock.]

WEDNESDAY 24 JULY 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
 Mr Tom Harris
 Mr David Heath
 Dr Brian Iddon

Mr Tony McWalter
 Dr Andrew Murrison
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Ordered, That Professor Dennis Anderson and Mr Nick Otter be appointed Specialist Advisers to assist the Committee in its inquiry entitled Towards a Non-carbon Fuel Economy: Research, Development and Demonstration.—(The Chairman.)

Draft objectives, proposed by the Chairman, brought up, read and agreed to.

Resolved, That the objectives be the objectives of the Committee.—(The Chairman.)

Resolved, That the Committee do take oral evidence from the Minister for Science and Innovation on the Science Budget allocations.—(The Chairman.)

Draft Report (Government funding of the scientific learned societies), proposed by the Chairman, brought up and read.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 100 read and agreed to.

Ordered, That the summary be an annex to the Report.—(*The Chairman.*)

Ordered, That the note on visits made in the course of the inquiry be an annex to the Report.—(*The Chairman.*)

Ordered, That the list of scientific learned societies be an annex to the Report.—(*The Chairman.*)

Resolved, That the Report be the Fifth Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Several papers were ordered to be appended to the Minutes of Evidence.

Ordered, That the Appendices to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman.*)

Several papers were ordered to be reported to the House.

[Adjourned till Wednesday 16 October at Four o'clock.

WEDNESDAY 16 OCTOBER 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Pamjit Dhanda
Mr Tom Harris
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Draft Special Report (The Government's Response to the Science and Technology Committee's Third Report on Science Education from 14 to 19), proposed by the Chairman, brought up and read.

Ordered, That the draft Special Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 4 read and agreed to.

Resolved, That the Report be the Sixth Special Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the Responses from the Government, the Qualifications and Curriculum Authority and the Joint Council for General Qualifications to the Third Report on Science Education from 14 to 19, be appended to the Report.—(*The Chairman.*)

Resolved, That the Committee do take oral evidence from the incoming Chief Executive of the Economic and Social Research Council and the Director General Innovation, Department of Trade and Industry.—(*The Chairman.*)

Resolved, That the Committee do seek written memoranda from University College London, Imperial College, the University of Manchester and the University of Manchester Institute of Science and Technology on the implications of their proposed merger for Science and Technology.—(*The Chairman.*)

Resolved, That the Committee do take oral evidence from the Minister of State for School Standards on the Government's reply to the Committee's Report on Science Education from 14 to 19.—(*The Chairman.*)

Resolved, That the Committee do inquire into international collaboration.—(*The Chairman.*)

[Adjourned till Monday 21 October at Four o'clock.]

MONDAY 21 OCTOBER 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Tom Harris
Mr Mark Hoban
Dr Brian Iddon

Mr Tony McWalter
Geraldine Smith
Bob Spink

The Committee deliberated.

Draft Report (National Endowment for Science, Technology and the Arts: a Follow-up), proposed by the Chairman, brought up and read.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 36 read and agreed to.

Resolved, That the Report be the Sixth Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Several papers were ordered to be appended to the Minutes of Evidence.

Ordered, That the Appendices to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman*.)

Draft Report (The Office of Science and Technology: Scrutiny Report 2002), proposed by the Chairman, brought up and read.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 49 read and agreed to.

Resolved, That the Report be the Seventh Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

A paper was ordered to be appended to the Minutes of Evidence.

Ordered, That the Appendix to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman*.)

[Adjourned till Wednesday 23 October at Four o'clock.

WEDNESDAY 23 OCTOBER 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda	Geraldine Smith
Mr David Heath	Bob Spink
Mr Mark Hoban	Dr Desmond Turner
Dr Brian Iddon	

The Committee deliberated.

Resolved, That all oral evidence be placed uncorrected on the Internet unless a decision is made to the contrary by the Committee or the Chairman.— (*The Chairman.*)

Towards a Non-Carbon Fuel Economy: Research, Development and Demonstration: Professor John O'Reilly, Chief Executive, and Mr Peter Hedges, Energy and Environment Programme Manager, Engineering and Physical Sciences Research Council, were examined.

Professor David White, Head of Science and Technology Group, Biotechnology and Biological Sciences Research Council; Professor Bill David, Associate Director, CCLRC Research Centres, Council for the Central Laboratory of the Research Councils; Mr Gary Grubb, Associate Director, Teaching and Learning, Economic and Social Research Council; and Mr David Lynn, Director, Planning and Communications, Natural Environment Research Council, were examined.

[Adjourned till Monday 4 November at Four o'clock.]

WEDNESDAY 30 OCTOBER 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Parmjit Dhanda
Mr Mark Hoban
Dr Brian Iddon

Geraldine Smith
Bob Spink
Dr Desmond Turner

The Committee deliberated.

Resolved, That the Committee do invite the Chief Scientific Adviser from the Ministry of Defence to take part in an informal seminar on bioterrorism in the UK.— (*The Chairman.*)

Towards a Non-Carbon Fuel Economy: Research, Development and Demonstration: Professor Mike Hulme, Executive Director, Dr Jim Watson, Research Fellow, Science Policy Research Unit, University of Sussex, and Mr Alistair Scott, Researcher, Science Policy Researcher Unit, University of Sussex, Tyndall Centre, were examined.

Professor Gary Acres, Visiting Professor in the Department of Metallurgy and Minerals, University of Birmingham; Professor Tim Jones, Professor of Chemical Physics and Deputy Director, Imperial College Centre for Electronic Materials and Devices; Professor Goran Strbac, Professor of Electrical Power Engineering, UMIST; and Professor Michael Graham, Professor of Unsteady Aerodynamics, Imperial College, were examined.

Mr Derrick Farthing, Director of Power Technology, Powergen; and Mr Brian Count, Chief Executive Officer, Innogy, were examined.

[Adjourned till Monday 4 November at Four o'clock.]

MONDAY 4 NOVEMBER 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Pamjit Dhanda
 Mr Tom Harris
 Mr David Heath

Dr Brian Iddon
 Mr Tony McWalter
 Bob Spink

The Committee deliberated.

Science Education from 14 to 19 — The Government's Response: Mr David Miliband, a Member of the House, Minister of State for School Standards, Ms Janet Dallas, Team Leader, Curriculum Division, and Mr John Jones, Team Leader, School and College Qualifications Division, Department for Education and Skills, were examined.

[Adjourned till Wednesday 6 November at Four o'clock.

WEDNESDAY 6 NOVEMBER 2002

Members present:

Dr Ian Gibson, in the Chair

Mr Pamjit Dhanda
 Mr David Heath
 Mr Mark Hoban
 Dr Brian Iddon
 Mr Tony McWalter

Dr Andrew Murrison
 Geraldine Smith
 Bob Spink
 Dr Desmond Turner

The Committee deliberated.

Draft Report (Short Term Contracts in Science and Engineering), proposed by the Chairman, brought up and read the first time.

Ordered, That the draft Report be read a second time, paragraph by paragraph.

Paragraphs 1 to 124 read and agreed to.

Resolved, That the Report be the Eighth Report of the Committee to the House.

Ordered, That the Chairman do make the Report to the House.

Ordered, That the provisions of Standing Order No. 134 (Select committees (reports)) be applied to the Report.

Several papers were ordered to be appended to the Minutes of Evidence.

Ordered, That the Appendices to the Minutes of Evidence taken before the Committee be reported to the House.—(*The Chairman.*)

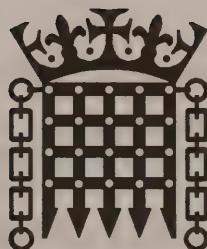
Several papers were ordered to be reported to the House.

Mr Tom Delay, Chief Executive, and Dr David Vincent, Technical Director, the Carbon Trust were examined.

Mr John Acton, Chief Executive and Director of Engineering, Compact Power Ltd; Dr Nigel Brandon, Chief Executive Officer, Ceres Power Ltd; Dr Andrew Garrad, Director, Garrad Hassan & Partners Ltd; Dr Tony Trapp, Managing Director, the Engineering Business Ltd; and Mr Philip Wolfe, Executive Chairman, Intersolar Group Plc, the Renewable Power Association, were examined.

Dr Christopher Anastasi, Senior Environment Adviser, British Energy, was examined.

[Adjourned till Wednesday 13 November at Four o'clock.]

**SCIENCE AND TECHNOLOGY COMMITTEE**

In accordance with the resolution of the House of 13 July 1992, Members of Select Committees are required to give details of their pecuniary interest for circulation to the committee, before proceeding to the election of a Chairman. Such declarations of interest, when made, are recorded in the minutes of proceedings. The interests have been recorded below under the categories used in the Register of Member's Interests:

DHANDA, Parmjit (Gloucester)**4. Sponsorship or financial or material support**

I receive support from Connect, the union for professionals in communications, towards a research assistant.

GIBSON, Ian (Norwich North)**2. Remunerated employment, office, profession etc**

Fee for article for The Guardian (£260).

Fee from Aventis Pharmaceuticals for speaking at Grantham Cancer Conference in November 2000. (*Registered 6 March 2001*)

Fee for speech at Pharmacia Conference in Aquarium Restaurant in December 2000. (*Registered 6 March 2001*)

Fee for speech at Eli Lilly Cancer Conference in January 2001. (*Registered 6 March 2001*)

6. Overseas visits

~1-4 August 2000, to Prague with the Parliamentary Football Team. Flight paid by Anglian Water and Czech Airlines. Hotel costs met by Intercontinental Hotels. (*Registered 24 October 2000*)

~18-23 September 2000, to China with delegation from Parliamentary and Science Committee, who paid for my flight. My accommodation was paid for by the Committee on Education, Science, Culture, Health and Sport of the Chinese People's Political Consultative Conference. (*Registered 24 October 2000*)

10. Miscellaneous and unremunerated interests

Unremunerated director of the Institute for Food Research.

HARRIS, Tom (Glasgow Cathcart)**10. Miscellaneous and unremunerated interests**

I am a member of the trade union UNISON.

HEATH, David (Somerton and Frome)

2. Remunerated employment, office, profession etc
Occasional payments for media work, lectures etc.

5. Gifts, benefits and hospitality (UK)

Wincanton Racecourse have provided me with two members' badges for the racecourse. (Registered 3 July 2001)

HOBAN, Mark (Fareham)

Nil.

IDDON, Dr. Brian (Bolton South East)

2. Remunerated employment, office, profession etc

Occasional fees for broadcasting and written articles.

Fees from various polling organisations which are donated to charities or to my constituency party.

5. Gifts, benefits and hospitality (UK)

Occasional hospitality from Bolton Wanderers Football Club (Registered 6 November 1999)

10. Miscellaneous and unremunerated interests

I am a member of the following organisations:

Amnesty International

Derby Ward Labour Club Association (honorary member)

Bolton Bradford Ward Labour Institute Ltd.

Patron of the Society of Registration Officers (unremunerated).

Fellow of and Parliamentary Adviser to the Royal Society of Chemistry.

Honorary Alderman of Bolton Metropolitan District Council.

McWALTER, Tony (Hemel Hempstead)

Nil.

MURRISON, Andrew (Westbury)

2. Remunerated employment, office, profession etc

Surgeon Commander Royal Naval Reserve.

Member of Harris Parliamentary Panel.

SMITH, Geraldine (Morecambe and Lunesdale)

Nil.

SPINK, Bob (Castle Point)

1. Remunerated directorships

Harold Whitehead and Partners Ltd.; management consultants.

2. Remunerated employment, office, profession etc

Management consultancy with Harold Whitehead and Partners Ltd, whose clients include companies that are actively involved in science and technology, including machine tool technology, medical diagnostic technology, distribution, brewing and other areas..

TURNER, Dr. Desmond (Brighton, Kemptown)

Nil.

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ISBN 0-215-00735-2



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